

Granular sodium carbonate obtained by fluid-bed spray granulation and a process for its production

Abstract

5 The invention relates to a process for the production, by fluid-bed spray granulation, of granular sodium percarbonate having a low TAM value. According to the invention, in the fluid-bed spray granulation, an Mg compound in a quantity of 50 to 2,000 ppm, in particular
10 100 to 1,000 ppm, or/and a complexing agent from among the hydroxycarboxylic acids, aminocarboxylic acids, aminophosphonic acids and phosphonocarboxylic acids, hydroxyphosphonic acids and their alkali metal salts, ammonium salts or Mg salts, in a quantity of 50 to
15 2,000 ppm, in particular 200 to 1,000 ppm, are added as stabilisers to the soda solution and/or H_2O_2 solution. Preferably a combination of an Mg compound in a quantity of 100 to 1,000 ppm Mg^{2+} and waterglass in a quantity of 0.1 to 1 wt.%, in particular 0.1 to 0.5 wt.%, is used, and in
20 this case granules having a TAM value of about or below 6 $\mu W/g$ and simultaneously a short dissolving time, are obtainable.

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